

INTERNATIONAL SEARCH REPORT

Internatio (pplication No

		'	PC1/US U3/2	/051			
a. classif IPC 7	C22B34/12 B22F9/28 C22C1/04						
According to	International Patent Classification (IPC) or to both national classificat	ion and IPC					
B. FIELDS							
IPC 7	cumentation searched (classification system followed by classification C22B B22F C22C						
	ion searched other than minimum documentation to the extent that su			ched			
Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, COMPENDEX, INSPEC							
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT						
Category °	Citation of document, with indication, where appropriate, of the rele		Relevant to claim No.				
А	US 5 958 106 A (ANDERSON RICHARD AL) 28 September 1999 (1999-09-28 cited in the application		1				
Х	claim 1; figures			60-70,80			
A	US 2 647 826 A (FERNANDO JORDAN J 4 August 1953 (1953-08-04)	AMES)		1			
X	claim 1; figures	•		60,80			
Α	GB 722 184 A (DAVID HARRY PICKARD PEPPO LEVY; LIONEL PICKARD)	; JOSEPH		1			
х	19 January 1955 (1955-01-19) claim 1; figure 1			60,80			
]				
Furti	her documents are listed in the continuation of box C.	χ Patent family m	nembers are listed in	annex.			
° Special ca	ategories of cited documents:	IT' later decommend	thad offer the last	otional film			
consid	ent defining the general state of the art which is not dered to be of particular relevance	cited to understand invention	not in conflict with the the principle or theor	e application but ry underlying the			
I ming c	date	"X" document of particular cannot be considered	ed novel or cannot be	e considered to			
Which	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified)	"Y" document of particula	ar relevance; the clai				
"O" docum	ment referring to an oral disclosure, use, exhibition or means	document is combin	ed to involve an inve ned with one or more nation being obvious	other such docu-			
"P" docume later ti	ent published prior to the international filing date but han the priority date claimed	in the art. *&" document member of	•				
Date of the	actual completion of the international search	Date of mailing of th	ne international searc	th report			
	20 November 2003 02/12/2003		003				
wame and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer					
NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Alvazzi Delfrate, M					





International application No. PCT/US 03/27651

INTERNATIONAL SEARCH REPORT

Box (Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)					
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:						
1.	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:					
2. X	Claims Nos.: 28-59, 71-79, 81-84 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: see FURTHER INFORMATION sheet PCT/ISA/210					
з. 🗌	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).					
Box II	Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)					
This inte	ernational Searching Authority found multiple inventions in this international application, as follows:					
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.					
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.					
3.	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:					
4.	No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:					
Remark	k on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.					

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 28-59, 71-79, 81-84

In view of the large number (10 independent method claims, one independent device claim and 5 independent product claims) and also the wording of the claims presently on file, which render it difficult, if not impossible, to determine the matter for which protection is sought, the present application fails to comply with the conciseness requirements of Article 6 PCT (see also Rule 6.1(a) PCT) to such an extent that a meaningful search is impossible. Consequently, the search has been carried out for those parts of the application which do appear to be clear and concise, namely the method according to claim 1 (with appendant claims 2-27), the according to claim 60 (with appendant claims 61-70) and the product according to claim 80. The remaining claims 28-59, 71-79, 81-84 will not be searched.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.



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information on patent ramily members

Internat Application No PCT/US 03/27651

Patent document cited in search report	t	Publication date		Patent family member(s)	Publication date
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